

IN THE ABSTRACT

Replace the abstract originally provided on the cover sheet of the PCT application with the new abstract as follows: A new abstract numbered page 36 is enclosed for the last page of the application following the claims.

ABSTRACT OF THE DISCLOSURE

The location of a mobile terminal in a given area is determined by including the mobile terminal both in a satellite-based positioning system and in a cellular communications system. The mobile terminal is thus adapted to receive satellite signals from the satellite-based system and to be covered by at least one cell of the cellular communications system. The mobile terminal is configured for determining at least approximately its coordinates, including an altitude coordinate in the area, based on both satellite signals received from the satellite-based system and information related to the cellular communications system. An estimate of the altitude coordinate is derived from the information related to the cellular communications system, whereby satisfactory location performance is ensured also when one or more satellites in the satellite-based system are not visible at the mobile terminal.

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